| Index of Claims |  |
|-----------------|--|
|                 |  |

| Application No.  | Applicant(s) |  |
|------------------|--------------|--|
| 10/676,856       | LEW ET AL.   |  |
| Examiner         | Art Unit     |  |
| Ovidio Escalante | 2645         |  |

| 1 | Rejected |
|---|----------|
| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

|   | N | Non-Elected  |
|---|---|--------------|
| - |   | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|                       |  | ш                                       |              |  |  |          | t                 |  |  | L               |
|-----------------------|--|---|--------------|--|--|----------|-------------------|--|--|-----------------|
| Cla                   | im                                     | Γ-                                      |              |  |  | Date     |                   |  | _  |                 |
| Final                 |  | 7/23/04                                 | 3/2/05       |  |  |          |                   |  |  |                 |
| 1                     | 1                                      | 1                                       | =            |  |  | $\vdash$ |                   |  |  | Н               |
| 2                     | 1<br>2<br>3<br>4<br>5<br>6             | 777777777777777777777777777777777777777 | =            |  |  | Г        | Т                 |  | Г  | П               |
| 2<br>3<br>4<br>5<br>6 | 3                                      | 1                                       | =            |  |  |          |                   |  |  | П               |
| 4                     | 4                                      | 1                                       | =            |  |  |          |                   | Γ  |  | П               |
| 5                     | 5                                      | 1                                       | =            |  |  |          |                   |  |  | П               |
|                       |  | 1                                       | =            |  |  |          |                   |  |  |                 |
| 7_                    | _7                                     | 1                                       | =            |  |  |          |                   |  |  | Ш               |
| 8                     | 8                                      | 1                                       | =            | _  | L  | _        | _                 | L  | <u> </u>   | Ш               |
| 9                     | 9                                      | 1                                       | =            | <u> </u>   | _  | <u> </u> | <u> </u>          | <u> </u>   | _  | Ш               |
| 10                    | 10                                     | Ÿ                                       | =            | <u> </u>   | <u> </u>   | _        | <u> </u>          | <u> </u>   | <u> </u>   | Ш               |
| 11<br>12              | 11                                     | 7                                       | =            | $\vdash$   | $\vdash$   | <u> </u> | <u> </u>          | <u> </u>   | $\vdash$   | $\sqcup$        |
| 12                    | 12                                     | ٧                                       | =            | ⊢  | ├  | <u> </u> | ├                 | <u> </u>   | ⊢  | Н               |
| 13<br>14<br>15        | 13<br>14<br>15<br>16<br>17<br>18<br>19 | 7                                       | =            | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$          | ⊢  | $\vdash$   | Н               |
| 14                    | 14                                     |   | <del> </del> | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$          | ⊢  | $\vdash$   | Н               |
| 15                    | 10                                     | 7                                       | =            | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$          | ⊢  | $\vdash$   | Н               |
| 16<br>17<br>18        | 17                                     | 1                                       | =            | -  | -  |          | -                 | <del> </del>                                     | $\vdash$   | $\vdash\vdash$  |
| 10                    | 10                                     | 1                                       | =            | H  | $\vdash$   | ⊢        | ⊢                 | $\vdash$   | ⊢  | Н               |
| 19                    | 10                                     | 1                                       | ┢            |  | $\vdash$   | ┢        | $\vdash$          | $\vdash$   | $\vdash$   | Н               |
| 20                    | 20                                     | 1                                       | =            | -  | ⊢  | ┝        | -                 | $\vdash$   | $\vdash$   | Н               |
| 21                    | 21                                     | 1                                       | =            | ┝  | ⊢  |          | ┢                 | ├  | ┢  | Н               |
|                       | 22                                     | H                                       | Ë            |  | ⊢  | ┝        | $\vdash$          | ┝  | ⊢  | Н               |
|                       | 20<br>21<br>22<br>23<br>24<br>25<br>26 | $\vdash$                                | ┢            | <del>                                     </del> | <del>                                     </del> | ┢        | ┢                 | -  | H  | Н               |
|                       | 24                                     | T                                       | <u> </u>     |  | $\vdash$   |          | $\vdash$          |  | $\vdash$   | Н               |
|                       | 25                                     | Ħ                                       |              |  |  |          |                   |  |  | П               |
|                       | 26                                     |   |              |  |  |          | Г                 | Γ  |  | П               |
|                       | 27                                     |   |              |  |  |          |                   |  |  |                 |
|                       | 27<br>28<br>29                         |   |              |  |  |          |                   |  |  |                 |
|                       | 29                                     |   |              |  |  |          |                   |  |  |                 |
|                       | 30<br>31                               | L                                       |              |  |  |          |                   |  | L  |                 |
|                       | 31                                     | Щ                                       | L            | L  |  |          |                   |  | <u> </u>   | Ш               |
|                       | 32<br>33                               | Щ                                       | _            | L_   | <u> </u>   | <u> </u> | <u> </u>          | <u> </u>   | <u> </u>   | Ш               |
|                       | 33                                     | <u> </u>                                | _            | _  | <u> </u>   | <u> </u> | $ldsymbol{f eta}$ | <u> </u>   | <u> </u>   | Ш               |
|                       | 34                                     | $\vdash$                                | <u> </u>     | _  | _  | _        | <u> </u>          | <u> </u>   | <u> </u>   | Ш               |
| <b> </b>              | 35<br>36                               | -                                       | -            | _  | <del> </del>                                     | <u> </u> | ├                 | $\vdash$   | <u> </u>   | $\vdash \vdash$ |
|                       | 36                                     | $\vdash$                                | <u> </u>     | -  | <u> </u>   | ļ        |                   | <u> </u>   | <u> </u>   | Н               |
|                       | 37                                     | $\vdash$                                | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$          | $\vdash$   | $\vdash$   | Н               |
|                       | 38<br>39                               | -                                       | H            | $\vdash$   | ⊢  | $\vdash$ | $\vdash$          | ⊢  | ⊢  | Н               |
|                       | 40                                     | $\vdash$                                | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$          | $\vdash$   | $\vdash$   | Н               |
|                       | 41                                     | Н                                       | $\vdash$     | ┢  | ┢  | -        | $\vdash$          | <del>                                     </del> | ┢  | Н               |
|                       | 42                                     | $\vdash$                                | Н            | -  | ┢  | ┢        | Н                 | $\vdash$   | <del>                                     </del> | Н               |
|                       | 43                                     | $\vdash$                                | $\vdash$     |  | t  | Т        | l                 |  | T  | H               |
|                       | 44                                     |   | Т            |  |  |          | Т                 | Г  | T  | П               |
|                       | 45                                     |   | Т            | Т  |  | Т        |                   | Т  | Ι_   | П               |
|                       | 46                                     | $\Box$                                  |              | Т  | Г  |          | Г                 |  |  | П               |
|                       | 47                                     |   |              |  |  | Г        | Г                 | Г  |  |                 |
|                       | 48                                     |   |              |  |  |          |                   |  |  |                 |
|                       | 49                                     |   |              |  |  |          |                   |  |  |                 |
|                       | 50                                     |   | П            |  | П  |          |                   |  |  |                 |

| Cla      | im             |          |                                     |   |              | Date     |          |                                     |            |          |
|----------|----------------|----------|-------------------------------------|---|--------------|----------|----------|-------------------------------------|------------|----------|
|          |                | $\vdash$ |                                     |   |              | 7011     | <u></u>  |                                     |            | _        |
| Final    | Original       |          |                                     |   |              |          |          |                                     |            |          |
|          | 51             |          |                                     |   |              |          |          |                                     |            |          |
|          | 52<br>53       |          |                                     |   |              |          |          |                                     |            |          |
|          | 53             |          |                                     |   |              |          |          |                                     | L          |          |
|          | 54             |          |                                     |   |              |          |          |                                     |            |          |
|          | 55             |          |                                     |   |              |          |          |                                     | L          |          |
|          | 56             |          |                                     |   |              | Щ        |          |                                     |            |          |
|          | 57             | _        | _                                   | L   | _            | L        | _        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |            |          |
|          | 58             | ᆫ        | _                                   | L   | _            | L_       | _        |                                     |            |          |
|          | 59             | _        |                                     | <u> </u>  | -            | _        | _        |                                     | _          |          |
|          | 60             | <u> </u> |                                     | L   |              | _        | _        | _                                   | L          |          |
|          | 61             | <u> </u> | _                                   | L   | L            | _        |          |                                     | _          |          |
| -        | 62<br>63       | -        |                                     | ┡   |              | _        | _        |                                     |            |          |
| -        | 03             | <u> </u> | <u> </u>                            | H   | $\vdash$     | $\vdash$ | <u> </u> | _                                   | $\vdash$   |          |
| -        | 64<br>65       | _        | $\vdash$                            | ⊢   | $\vdash$     | $\vdash$ | _        | _                                   | <u> </u>   |          |
| -        | 66             | ┢        | <u> </u>                            | ⊢   | $\vdash$     |          | ┝        |                                     | -          |          |
| -        | 67             | -        | ⊢                                   | ┢   | ├─           | -        | -        | -                                   | -          | -        |
| -        | 68             | ┢        | $\vdash$                            | ┢   | $\vdash$     | ⊢        | ┝        | -                                   | -          |          |
|          | 69             |          | H                                   | H   | $\vdash$     | $\vdash$ | $\vdash$ |                                     |            |          |
|          | 70             | H        | $\vdash$                            | H   | H            | $\vdash$ | $\vdash$ |                                     | -          |          |
| -        | 71             | ┢        | -                                   | ┢   |              |          | -        | 1                                   | _          |          |
|          | 72             | Т        |                                     |   | _            |          | $\vdash$ |                                     | ┢          |          |
|          | 72<br>73<br>74 |          |                                     |   |              |          | $\vdash$ |                                     |            |          |
|          | 74             |          |                                     |   |              |          |          |                                     |            |          |
|          | 75<br>76       | L        |                                     |   |              |          | L        |                                     |            |          |
|          | 76             | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $ldsymbol{ld}}}}}}$ | <u> </u>     | <u> </u> |          |                                     |            |          |
|          | 77             | <u> </u> | L_                                  | <u> </u>  | <u> </u>     | <u> </u> | _        | <u> </u>                            | <u></u>    |          |
|          | 78<br>79       | L_       | L.                                  | <u> </u>  | L_           |          | <u> </u> | L-                                  | _          | _        |
|          | 79             | _        | _                                   | ╙   |              | _        |          | ┡                                   | _          | _        |
|          | 80             | -        | _                                   | ⊢   | <u> </u>     |          | <u> </u> |                                     | -          | _        |
| -        | 81<br>82       | _        | _                                   | H   |              | $\vdash$ | _        |                                     | -          | -        |
|          | 83             | $\vdash$ |                                     | $\vdash$  | -            | $\vdash$ | <u> </u> | H                                   | $\vdash$   | _        |
| -        | 84             | $\vdash$ | -                                   | H   |              | -        |          | H                                   | -          |          |
|          | 85             | $\vdash$ |                                     | $\vdash$  |              | $\vdash$ | -        | $\vdash$                            | $\vdash$   | _        |
|          | 86             | $\vdash$ |                                     | Н   |              |          |          | t                                   |            | _        |
|          | 87             |          |                                     |   |              |          |          |                                     |            |          |
|          | 88             |          |                                     |   |              |          |          |                                     |            |          |
|          | 89             |          |                                     |   |              |          |          |                                     |            |          |
|          | 90             |          |                                     |   |              |          |          |                                     |            |          |
|          | 91             |          |                                     |   |              |          |          |                                     | L          |          |
| <u> </u> | 92             | _        |                                     | $oxed{oxed}$  | <u> </u>     | <u>_</u> |          | <u> </u>                            | <u> </u>   | L        |
| <b> </b> | 93             | _        | <u> </u>                            | <b> </b>  | $oxed{oxed}$ | L_       | _        | <u> </u>                            | <u> </u>   | <u> </u> |
|          | 94             | ļ        |                                     | ļ   |              | ļ        | <u> </u> | $\vdash$                            | <b>├</b> - | _        |
| -        | 95             | _        | H                                   |   | $\vdash$     | <u> </u> | <u> </u> | $\vdash$                            | $\vdash$   | _        |
| $\vdash$ | 96<br>97       | _        | <b>-</b>                            | H   | $\vdash$     | H        | ├-       | $\vdash$                            | $\vdash$   | ├-       |
| -        | 98             | _        | -                                   | $\vdash$  | H            | H        | $\vdash$ | $\vdash$                            | $\vdash$   |          |
| -        | 99             | -        | $\vdash$                            | H   | $\vdash$     | H        |          | -                                   | -          |          |
|          | 100            |          |                                     | -   |              | H        | -        | $\vdash$                            | -          |          |
|          |                |          |                                     |   |              |          |          |                                     |            |          |

| Ci    | aim   |          |          | _        |          |          | _        |             |          | $\neg$   |
|-------|---|----------|----------|----------|----------|----------|----------|-------------|----------|----------|
| Cla   |   | _        |          | _        |          | Date     | •        | _           |          | $\dashv$ |
| Final | Original                                      |          |          |          |          |          |          |             |          |          |
|       | 101   |          |          |          |          |          |          |             | Г        |          |
|       | 102   |          |          |          |          |          |          |             |          |          |
|       | 103   |          |          |          |          |          |          |             |          |          |
|       | 104<br>105                                    |          |          | _        |          |          |          | L           |          |          |
|       | 105   |          |          |          | _        |          |          |             |          | Ш        |
|       | 106   | _        |          | <u> </u> | <u> </u> | _        |          | <u> </u>    |          |          |
|       | 107   | _        | _        | <u> </u> |          |          |          | _           |          | _        |
|       | 108   |          | _        | $\vdash$ |          |          | _        | $\vdash$    |          | Н        |
|       | 110   |          | _        | ┢        |          |          | ┝        |             |          |          |
|       | 111   |          |          | $\vdash$ |          |          |          |             |          | H        |
|       | 112   |          |          |          | <u> </u> | Т        | _        | Г           | Т        | Н        |
|       | 113   |          |          |          | Т        |          | _        | П           | Г        |          |
|       | 109<br>110<br>111<br>112<br>113<br>114<br>115 |          |          |          |          |          |          |             |          |          |
|       | 115   |          |          |          |          |          |          |             |          |          |
|       | 116<br>117<br>118                             |          |          |          |          |          |          |             |          | Ш        |
|       | 117   |          |          | <u> </u> |          |          | <u> </u> |             | _        |          |
|       | 118   |          |          | <u> </u> | _        | -        |          | <u> </u>    | _        | Щ        |
|       | 119   | _        |          | <u> </u> |          |          |          |             |          |          |
|       | 120<br>121<br>122                             | -        |          | ⊢        | <u> </u> | _        | _        |             | _        | Н        |
|       | 121   |          |          | $\vdash$ |          |          | _        |             |          | Н        |
|       | 122   |          | -        | ┢        |          |          | _        | H           | $\vdash$ | Н        |
|       | 123<br>124                                    | -        | _        | $\vdash$ | $\vdash$ | Н        |          | H           | $\vdash$ | Н        |
|       | 125   |          | $\vdash$ | 一        | $\vdash$ | $\vdash$ | _        | $\vdash$    | $\vdash$ | Н        |
|       | 125<br>126<br>127                             |          |          |          |          |          |          |             |          | П        |
|       | 127   |          |          |          |          |          |          |             |          |          |
|       | 128<br>129                                    |          |          |          |          |          |          |             |          |          |
|       | 129   |          |          |          |          |          |          |             |          |          |
|       | 130   |          |          |          |          |          |          |             |          |          |
|       | 131<br>132                                    |          |          |          |          |          |          |             |          | Ш        |
|       | 132   | _        |          | <u> </u> |          |          | _        | <u> </u>    | <u> </u> | Ш        |
|       | 133   |          |          | <u> </u> | _        |          |          | -           |          | Н        |
|       | 134<br>135                                    | _        | _        | _        | -        |          |          | <u> </u>    | -        |          |
|       | 136   |          | -        | $\vdash$ | -        |          | _        | $\vdash$    | $\vdash$ |          |
|       | 137   |          | -        | -        |          |          | _        | -           | $\vdash$ | $\vdash$ |
|       | 137<br>138                                    |          |          | $\vdash$ | $\vdash$ |          |          |             |          | Н        |
|       | 139   |          |          |          |          |          |          |             |          |          |
|       | 140   |          |          |          |          |          |          |             |          |          |
|       | 141   |          |          |          |          |          |          |             |          |          |
|       | 142   |          |          |          |          |          |          | L           |          |          |
|       | 143   | Щ.       |          | _        | L        | L        | _        | L           | L        | Ш        |
|       | 144   |          |          | <u> </u> | <u> </u> |          | L        |             | L        | Щ        |
|       | 145   |          | _        | <u> </u> | $\vdash$ | $\vdash$ | _        | _           | H        | Ш        |
|       | 146   | <u> </u> | <u> </u> | H        | -        | H        | H        | <b> -</b> - | H        | Н        |
|       | 147<br>148                                    | <u> </u> | _        | -        | $\vdash$ | $\vdash$ | $\vdash$ | H           | $\vdash$ | Н        |
|       | 149   | <u> </u> | -        | $\vdash$ | H        |          | $\vdash$ | $\vdash$    | $\vdash$ | $\vdash$ |
| -     | 150   |          | -        | ⊢        | Н        | $\vdash$ | -        | -           | H        | Н        |
|       | 130   | نـــا    |          | <u> </u> | L        | <u> </u> |          | L           |          | ш        |